Prepared by the U.S. Army Topographic Command (AIEE), Washington, D.C. Compiled in 1955 by photogrammetric methods from aerial photographs taken 1952. Photographs field annotated 1953. Revised by the U.S. Geological Survey 1969.

100,000-foot grids based on Alabama coordinate system, west and east zones

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES
- Over 500,000 — BOSTON
- 100,000 to 500,000 — RICHMOND
- 25,000 to 100,000 — EVANSTON
- 5,000 to 25,000 — Hialeah
- 1,000 to 5,000 — Bar Harbor
- Less than 1,000 — Fishkill

RAILROADS
- Standard gauge (Single track, Double or Multiple)
- Narrow gauge

BOUNDARIES
- International
- State
- County
- Park or reservation

- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods-brushwood

ROADS
- Primary, all-weather, hard surface
- Secondary, all-weather, hard surface
- Light-duty, all-weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Interchange
- Route markers: Interstate, U.S., State (15, 78, 10)

- Mine
- Landmark: School; Church; Other
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

Scale 1:250,000

5 0 5 10 15 20 Statute Miles

5 0 5 10 15 20 25 30 Kilometres

5 0 5 10 Nautical Miles

CONTOUR INTERVAL 100 FEET
WITH SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS

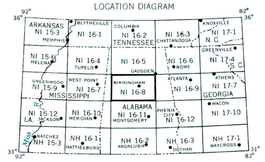
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 16

1965 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 4° (70 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 2° (40 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

LOCATION DIAGRAM



SECTIONIZED TOWNSHIP

6	5	4	3	2	1	
7	8	9	10	11	12	
18	17	16	15	14	13	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

GRID ZONE DESIGNATION: 16S

100,000 M. SQUARE IDENTIFICATION

DN	EN
DM	EM

IGNORE the SMALLER figures of any grid number; those are for finding the full coordinates. Use ONLY the LARGER figure of the grid number. example: 360000

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METRES

SAMPLE POINT: NEW LEXINGTON

1. Read letters identifying 100,000 metre square in which the point lies: DN
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin: 38
   Estimate tenths from grid line to point: 3
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: 14
   Estimate tenths from grid line to point: 4

SAMPLE REFERENCE: DN3814

If reporting beyond 10° in any direction, prefix Grid Zone Designation, as: 16SDN3814

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1970

BIRMINGHAM, ALABAMA

1953

REVISED 1969